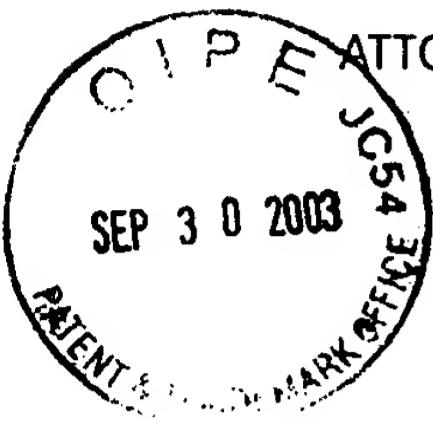




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Federal Agencies

September 30, 2003

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit: 1623**  
**Examiner: Lewis, Patrick**  
**Confirmation No.: 3882**

Re: U.S. Utility Patent Application  
Appl. No. 09/920,286; Filed: August 2, 2001  
For: **Process for the Production of Multiple Cross-Linked  
Hyaluronic Acid Derivatives**  
Inventor: Xiaobin ZHAO  
Our Ref: 0623.1110001/LBB/MGP

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal (Form PTO/SB/17);
2. Second Supplemental Information Disclosure Statement;
3. List of Documents cited on Form PTO-1449;
4. A copy of each document cited on Form PTO-1449 (1 document); and
5. One (1) return postcard; and
6. PTO-2038 Credit Card Payment Form in the amount of \$180.00 to cover the filing fee for IDS.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

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Commissioner for Patents  
September 30, 2003  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Lawrence B. Bugaisky  
Attorney for Applicant  
Registration No. 35,086

LBB/MGP/awt  
Enclosures

SKGF\_DC1:183307.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<p>SEP 30 2003 <b>EE TRANSMITTAL</b> for FY 2003</p> <p>Effective 07/01/2003. Patent fees are subject to annual revision.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p><b>TOTAL AMOUNT OF PAYMENT (\$)</b> 180.00</p>		<p><i>Complete if Known</i></p> <table border="1"> <tr> <td>Application Number</td> <td>09/920,286</td> </tr> <tr> <td>Filing Date</td> <td>August 2, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Xiaobin ZHAO</td> </tr> <tr> <td>Examiner Name</td> <td>Lewis, Patrick</td> </tr> <tr> <td>Art Unit</td> <td>1623</td> </tr> <tr> <td>Attorney Docket No.</td> <td>0623.1110001/LBB/MGP</td> </tr> </table>		Application Number	09/920,286	Filing Date	August 2, 2001	First Named Inventor	Xiaobin ZHAO	Examiner Name	Lewis, Patrick	Art Unit	1623	Attorney Docket No.	0623.1110001/LBB/MGP																																																																																																																																																																													
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<p><b>METHOD OF PAYMENT</b> (check all that apply)</p> <p><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other** <input type="checkbox"/> None ** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.</p> <p><input type="checkbox"/> Deposit Account Deposit Account Number 19-0036 Deposit Account Name: Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.</p> <p><b>The Commissioner is authorized to:</b> (check all that apply)</p> <p><input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any over payments</p> <p><input type="checkbox"/> Charge any additional fee(s) during the pendency of this application</p> <p><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</p>		<p><b>FEE CALCULATION (continued)</b></p> <p><b>3. ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1502</td><td>50</td><td>2052</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - 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<p><b>SUBMITTED BY</b></p> <table border="1"> <tr> <td>Name (Print/Type)</td> <td>Lawrence B. Bugaisky</td> <td>Registration No. (Attorney/Agent)</td> <td>35,086</td> <td>Telephone</td> <td>202-371-2600</td> </tr> <tr> <td>Signature</td> <td colspan="3"><i>Lawrence B. Bugaisky</i></td> <td>Date</td> <td>September 30, 2003</td> </tr> </table>				Name (Print/Type)	Lawrence B. Bugaisky	Registration No. (Attorney/Agent)	35,086	Telephone	202-371-2600	Signature	<i>Lawrence B. Bugaisky</i>			Date	September 30, 2003																																																																																																																																																																													
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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Xiaobin ZHAO

Appl. No. 09/920,286

Filed: August 2, 2001

For: **Process for the Production of  
Multiple Cross-Linked  
Hyaluronic Acid Derivatives**

Confirmation No. 3882

Art Unit: 1623

Examiner: Lewis, Patrick

Atty. Docket: 0623.1110001/LBB/MGP

**Second Supplemental Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

The Examiner is referred to the following co-pending patent application:

U.S. Application No. 09/924,182, filed August 2, 2001, published on April 25, 2002 as U.S. Publication No. US 2002/0049281 A1; "Process for Cross-Linking Hyaluronic Acid to Polymers", Zhao *et al.* .

The identification of the above U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Second Supplemental Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance. The required fee under 37 C.F.R. §1.17(p) is included with this submission.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

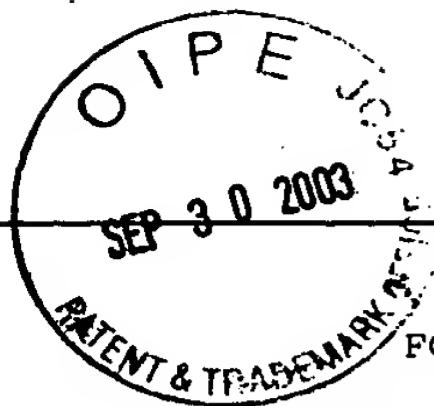


Lawrence B. Bugaisky  
Attorney for Applicant  
Registration No. 35,086

Date: September 30, 2003

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Washington, D.C. 20005-3934  
(202) 371-2600

SKGF\_DC1:183269.1



FORM PTO-1449 <u>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0623.1110001	APPLICATION NO. 09/920,286		
				APPLICANT Xiaobin ZHAO			
				FILING DATE August 2, 2001	GROUP 1623		
<b>U. S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL						Yes No
	BM						Yes No
	BN						Yes No
	BO						Yes No
	BP						Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	BR	2	U.S. Publication No. US 2002/0049281 A1; "Process for Cross-Linking Hyaluronic Acid to Polymers", published April 25, 2002; Zhao et al.				
	BS	2					
	BT	2					
EXAMINER					DATE CONSIDERED		
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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